

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P21187		Serial No. 09/960,516 <u>9/21, 180</u>				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								Applicant Hirosi NOMURA <u>Norio NUMAKO</u> ^{W22}						
								Filing Date September 24, 2001		Group 2872				
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>C. A. S.</i>		4	9	1	8	4	8	0	04/17/90	HORI				
<i>CCP OPIE</i>	JC147	9	7	5	7	2	5		12/04/90	MORISAWA				
<i>CCP OPIE</i>	MR 08/2002	1	4	4	3	5	2		09/01/92	SHONO				
<i>CCP OPIE</i>	PATENT & TRADEMARK	2	2	2	4	0	7		06/29/93	SEKIGUCHI				
<i>CCP OPIE</i>		2	3	7	3	5	7		08/17/93	MORISAWA				
<i>CCP OPIE</i>		5	3	1	3	2	4	4	05/17/94	ARAI				
<i>CCP OPIE</i>		5	6	4	6	7	9	0	07/08/97	KOHMOTO et al.				
<i>CCP OPIE</i>		5	6	7	1	4	4	9	09/23/97	SHIMIZU				
<i>CCP OPIE</i>		5	7	0	1	2	0	8	12/23/97	SATO et al.				
<i>CCP OPIE</i>		5	7	0	8	5	3	3	01/13/98	HAMASAKI				
<i>CCP OPIE</i>		5	7	7	4	7	4	8	06/30/98	ITO et al.				
<i>CCP OPIE</i>		5	8	4	2	0	5	7	11/24/98	NOMURA et al.				
<i>CCP OPIE</i>		4	9	1	7	4	8	2	04/17/90	ITO				
<i>CCP OPIE</i>		4	9	7	8	2	0	4	12/18/90	ITO				
<i>CCP OPIE</i>		4	9	8	4	8	7	7	01/15/91	ITO				
<i>CCP OPIE</i>		5	5	7	2	2	7	6	11/05/96	HIRAKAWA				
<i>CCP OPIE</i>		6	0	2	8	7	1	4	02/22/00	KOYAMA				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO	
<i>CCP OPIE</i>	20	00	2	7	5	5	1	8	10/06/00	JAPAN				
<i>CCP OPIE</i>	8-	1	4	6	2	9	6		06/07/96	JAPAN				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
<i>CCP OPIE</i>	1	English Language Abstract of JP 2000-275518.												
<i>CCP OPIE</i>	2	English Language Abstract of JP 8-146296.												
EXAMINER <i>CCP OPIE</i>								DATE CONSIDERED		11/12/02				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														